



# VIT<sup>®</sup>

## Vellore Institute of Technology

(Deemed to be University under section 3 of UGC Act, 1956)

**SCHOOL OF INFORMATION TECHNOLOGY AND ENGINEERING**

**SMARTBRIDGE ASSIGNMENT – 2**


**Modern Application Development(Java Spring Boot)**

**CAMPUS : VIT VELLORE**

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**PROGRAMME:M.TECH(INTEGRATED)SOFTWARE  
ENGINEERING**



```
mysql> create database shopping;
Query OK, 1 row affected (0.00 sec)

mysql> show databases;
+-----+
| Database |
+-----+
| airport  |
| airport  |
| asitdb   |
| employee |
| information_schema |
| lap      |
| mysql    |
| office   |
| performance_schema |
| priya    |
| shopping |
| students |
| sys      |
| user     |
| userlogin |
+-----+
14 rows in set (0.00 sec)

mysql> use shopping;
Database changed
mysql> show databases;
+-----+
| Database |
+-----+
| airport  |
| airport  |
| asitdb   |
| employee |
| information_schema |
| lap      |
| mysql    |
| office   |
| performance_schema |
| priya    |
| shopping |
| students |
| sys      |
| user     |
| userlogin |
+-----+
```

```
Command Prompt - mysql -u root -p

mysql> use shopping;
Database changed
mysql> show databases;
+-----+
| Database |
+-----+
| airport  |
| am1db    |
| employee |
| information_schema |
| lap      |
| mysql    |
| office   |
| performance_schema |
| periyu   |
| shopping |
| students |
| sys      |
| user     |
| userlogin |
+-----+
14 rows in set (0.00 sec)

mysql> create database products;
Query OK, 1 row affected (0.07 sec)

mysql> use products;
Database changed
mysql>
```

### Create tables and perform joins in mysql :

mysql> CREATE TABLE employees(empid int,firstname  
varchar(25),lastname varchar(255),address varchar(255),  
city varchar(255));

Query OK, 0 rows affected (0.18 sec)

## Create ,update ,delete,select commands in mysql

```
Command Prompt - mysql -u root -p
mysql> use employee;
Database changed
mysql> CREATE TABLE employee(
  -> empid int,
  -> firstname varchar(255),
  -> lastname varchar(255),
  -> address varchar(255),
  -> city varchar(255)
  -> );
ERROR 1050 (42S01): Table 'employee' already exists
mysql> CREATE TABLE employees(
  -> empid int,
  -> firstname varchar(255),
  -> lastname varchar(255),
  -> address varchar(255),
  -> city varchar(255)
  -> );
Query OK, 0 rows affected (0.18 sec)

mysql>
```

```
mysql> INSERT INTO
employees(empid,firstname,lastname,address,city) VALUES
(1,'arun','kumar','India','kerala');
```

Query OK, 1 row affected (0.12 sec)

```
mysql> INSERT INTO employees(empid,firstname,lastname,address,city) VALUES (1,'arun','kumar','India','kerala');
Query OK, 1 row affected (0.12 sec)

mysql>
```

```
mysql> UPDATE employees SET
firstname='kislay',address='singapore' WHERE empid=1;
```

Query OK, 1 row affected (0.06 sec)

```
mysql> UPDATE employees SET firstname='kislay',address='singapore' WHERE empid=1;
Query OK, 1 row affected (0.06 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

mysql> DELETE FROM employees WHERE empid=1;

```
mysql> DELETE FROM employees WHERE empid=1;
Query OK, 1 row affected (0.07 sec)
```

mysql> SELECT empid,address FROM employees;

1 row in set (0.00 sec)

```
mysql> SELECT empid,address FROM employees;
+-----+-----+
| empid | address |
+-----+-----+
|      1 | singapore |
+-----+-----+
1 row in set (0.00 sec)

mysql>
```